OIPE 04 CO
OPE 04/10/20

ENTERED

Serial Number: 09/803,719

CRF Processing Date: 3/30/2001
Edited by: _____
Verified by: _____ (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.   3/1/95

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/803,719

DATE: 03/30/2001
TIME: 14:38:59

Input Set : A:\lseqlist.txt
Output Set: N:\CRF3\03302001\I803719.raw

Does Not Comply
Corrected Diskette Needed

```
 4 <110> APPLICANT: Williams, Lewis T.
 5         Escobedo, Jaime
 6         Innis, Michael A.
 7         Garcia, Pablo Dominiguez
 8         Sudduth-Klinger, Julie
 9         Reinhard, Christoph
10         Giese, Klaus
11         Randazzo, Filippo
12         Kennedy, Giulia C.
13         Pot, David
14         Kassam, Altaf
15         Lamson, George
16         Drmanac, Radoje
17         Crkvenjakov, Radomir
18         Dickson, Mark
19         Drmanac, Snezana
20         Labat, Ivan
21         Leshkowitz, Dena
22         Kita, David
23         Garcia, Veronica
24         Jones, Lee William
25         Stache-Crain, Birgit
27 <120> TITLE OF INVENTION: Human Genes and Gene Products
30 <130> FILE REFERENCE: 1624.002
C--> 32 <140> CURRENT APPLICATION NUMBER: US/09/803,719
C--> 32 <141> CURRENT FILING DATE: 2001-03-09
32 <150> PRIOR APPLICATION NUMBER: 60/188,609
33 <151> PRIOR FILING DATE: 2000-03-09
35 <160> NUMBER OF SEQ ID NOS: 2396
37 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

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34118 <210> SEQ ID NO: 2396
34119 <211> LENGTH: 429
34120 <212> TYPE: DNA
34121 <213> ORGANISM: Homo sapiens
34123 <400> SEQUENCE: 2396
34124 tcccatcgat tcgaattccg ttgctgtcga tgttctagaa ttaagtgctg agcttgtctg    60
34125 tctttctcac ggatgccgca ttggttactc ttcaccacag actttagcag atcagtcttc   120
34126 aaaaattaaa aaaggaagca aaggggatac atccatgttg aaaccaacac tgatggcagc   180
34127 agttccggaa atcatggatc ggatctacaa aaatgtcatg aataaagtca gtgaaatgag   240
34128 tagttttcaa cgtaatctgt ttattctggc ctataattac aaaatggaac agatttcaaa   300
34129 aggacgtaat actccactgt gcgacagctt tgttttccgg aaagttcgaa gcttgctagg   360
34130 gggaaatatt cgtctcctgt tgtgtggtgg cgctccactt tctgcaacca cgcagcgatt   420
34131 catgaacat                                                          429
```

Input Set : A:\!seqlist.txt
Output Set: N:\CRF3\03302001\I803719.raw

```
L:32 M:270 C: Current Application Number differs, Replaced Current Application No
L:32 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:953 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72
L:1189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82
L:1217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:1237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:1273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:1334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:1487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102
L:1500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103
L:1507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103
L:1537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105
L:1556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106
L:1572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:1588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108
L:1639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115
L:1719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116
L:1736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117
L:1814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122
L:1833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123
L:1934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:1935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:1936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130
L:1952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131
```

Input Set : A:\!seqlist.txt
Output Set: N:\CRF3\03302001\I803719.raw

```
L:1971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139
L:2104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:141
L:2191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:147
L:34135 M:254 E: No. of Bases conflict, LENGTH:Input:599 Counted:429 SEQ:2396
```